



Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
Phone (206) 583-8888  
Fax (206) 583-8500

Docket No.: 29195.8123US1  
Client Ref. No.: P99-0023US2  
Date: November 30, 2001

In re application of: **Kyle M. Hanson et al.**  
Application No.: **09/882,309**  
Filed: **June 14, 2001**  
For: **DIFFUSER WITH A SPIRAL OPENING PATTERN FOR ELECTROPLATING REACTOR VESSEL**

COMMISSIONER FOR PATENTS  
WASHINGTON DC 20231

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application.

Applicant claims small entity status. See 37 CFR 1.27.  
 Applicant has previously claimed small entity status. See 37 CFR 1.27.  
 A Petition for an Extension of Time for month is enclosed.  
 A General Authorization Under 37 C.F.R. § 1.136(a)(3) is enclosed.  
 No additional claim fee is required.  
 The fee has been calculated as shown.

	(Col. 1)		(Col. 2)	(Col. 3)
CLAIMS REMAINED AFTER AMENDMENT			HIGHEST PREV. PAID FOR	PRISENT ENTRA
TOTAL	* <b>28</b>	-	** <b>20</b>	<b>8</b>
IND.	* <b>3</b>	-	*** <b>3</b>	<b>0</b>
[ ] FIRST PRESENTATION OF MULT. DEP. CLAIMS				
EXTENSION OF TIME FEE				
TOTAL ADDITIONAL FEE				

SMALL ENTITY	
RATE	ADDITIONAL FEE
x <b>9</b>	\$
x <b>42</b>	\$
+ <b>140</b>	\$
	\$
	\$

OTHER THAN A SMALL ENTITY	
RATE	ADDITIONAL FEE
x <b>18</b>	\$ <b>144</b>
x <b>84</b>	\$ <b>0</b>
+ <b>280</b>	\$ <b>0</b>
	\$ <b>0</b>
	\$ <b>0</b>
TOTAL	\$ <b>144</b>

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

Please charge my Deposit Account No. 50-0665 in the amount of \$ 144.00. A duplicate copy of this sheet is enclosed.  
 A check in the amount of \$ is attached.  
 The Commissioner is hereby authorized to charge payment of the following additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-0665. A duplicate copy of this sheet is enclosed.  
 Any filing fees under 37 CFR 1.16 for the presentation of extra claims.  
 Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
PERKINS COIE LLP

  
John M. Wechkin  
Registration No. 42,216



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231.

November 30, 2001  
Date

*Kelli J. Endreson*  
Kelli J. Endreson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kyle M. Hanson et al.

Application No. : 09/882,309 Confirmation No.: 7064

Filed : June 14, 2001

For : DIFFUSER WITH A SPIRAL OPENING PATTERN FOR  
ELECTROPLATING REACTOR VESSEL

Art Unit : 1741

Docket No. : 291958123US1

(Client Ref. No. P99-0023US2)

Date : November 30, 2001

Commissioner for Patents  
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Commissioner:

Please amend the above-identified application as follows and consider the application in light of the following remarks:

In the Claims:

Please cancel claims 1-16, and add the following new claims 17-44:

1. (Canceled)

2. (Canceled)

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01/24/2002 CCHAN1